

|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DESIGNED BY       | _____ |
| NOTED BY          | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTE BOOK         | _____ |
| No.               | _____ |

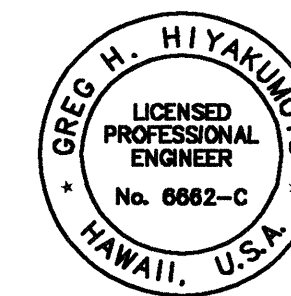
LEGEND

|  |                                     |  |                                       |
|--|-------------------------------------|--|---------------------------------------|
|  | Cold Planing and Resurfacing Limits |  | Adjust Water Meter                    |
|  | Pavement Reconstruction Areas       |  | New Water Meter                       |
|  | AC Pavement Areas                   |  | Existing Fire Hydrant                 |
|  | Transition Areas                    |  | New Fire Hydrant                      |
|  | Grass/Mulch Areas                   |  | Existing Sewer Line                   |
|  | Gravel Blanket                      |  | New 12 inch Sewer Line                |
|  | Existing Electrical Line            |  | Existing Sewer Manhole                |
|  | New Electrical Line                 |  | Adjust Sewer MH Frame and Cover       |
|  | Existing Joint Pole                 |  | New Sewer Manhole                     |
|  | Existing Power Pole                 |  | Existing 6 inch Gas Line              |
|  | Existing Guy Pole                   |  | New 6 inch Gas Line                   |
|  | Existing Light Pole                 |  | Existing Gas Valve Box                |
|  | Existing Electrical Manhole         |  | Adjust Gas Valve Box                  |
|  | Existing Street Light Box           |  | New Gas Valve Box                     |
|  | Existing Traffic Signal Box         |  | Existing Gas Manhole                  |
|  | Adjust Elec. MH Frame and Cover     |  | Adjust Gas MH Frame and Cover         |
|  | New Electrical Manhole              |  | New Gas Manhole                       |
|  | Existing Traffic Light              |  | Existing Monument                     |
|  | Existing Telephone Line             |  | Adjust Monument                       |
|  | New Telephone Line                  |  | New Monument                          |
|  | Existing Telephone Pole             |  | Existing 24 inch Drain Line           |
|  | Existing Telephone Manhole          |  | New 24 inch Drain Line                |
|  | Adjust Tele. MH Frame and Cover     |  | Existing Storm Drain Manhole          |
|  | New Telephone Manhole               |  | Adjust Storm Drain MH Frame and Cover |
|  | Existing Signal Corps Line          |  | New Storm Drain Manhole               |
|  | New Signal Corps Line               |  | Existing Grated Drop Inlet            |
|  | Existing TV Cable                   |  | Existing Catch Basin                  |
|  | New TV Cable                        |  | Existing Traffic Sign                 |
|  | Existing 12 inch Water Line         |  | Existing Highway Lighting Standard    |
|  | New 12 inch Water Line              |  | Existing Utility Box                  |
|  | Existing Water Manhole              |  | Adjust Utility Box                    |
|  | Adjust Water MH Frame and Cover     |  | Existing Guardrail                    |
|  | New Water Manhole                   |  | New Guardrail                         |
|  | Existing Water Air Valve            |  | Existing Chain link Fence             |
|  | Adjust Water Air Valve              |  | New Chain link Fence                  |
|  | New Water Air Valve                 |  |                                       |
|  | Existing Water Valve Box            |  |                                       |
|  | Adjust Water Valve Box              |  |                                       |
|  | New Water Valve Box                 |  |                                       |
|  | Existing Water Meter                |  |                                       |

ABBREVIATIONS

|         |                        |                |                                      |       |                |
|---------|------------------------|----------------|--------------------------------------|-------|----------------|
| A.C.    | Asphaltic Concrete     | lbs.           | Pounds                               | T     | Tangent        |
| approx. | approximate            | L <sub>c</sub> | Length of Curve                      | Temp. | Temporary      |
|         | Baseline               | LIN. FT.       | Linear Feet                          | Thk.  | Thick          |
| B.V.C.  | Begin Vertical Curve   | LF             | Linear Feet                          | TMK   | Tax Map Key    |
| C       | Length of Chord        | Lt.            | Left                                 | Typ.  | Typical        |
|         | Centerline             | Max.           | Maximum                              | VC    | Vertical Curve |
| CB      | Catch Basin            | Min.           | Minimum                              | Ø     | Diameter       |
| Clr.    | Clearance              | NB             | North Bound                          | Δ     | Delta          |
| C.O.    | Cleanout               | NO.            | Number                               | Δ/2   | Half Delta     |
| Conc.   | Concrete               | O.C.           | on center                            |       |                |
| Conn.   | Connection             | O/S            | Offset                               |       |                |
| C.Y.    | Cubic Yards            | Pavt.          | Pavement                             |       |                |
| D6      | 6 inch Drainline       | PC             | Point of Curvature                   |       |                |
| D24     | 24 inch Drainline      | PCC            | Portland Cement Concrete             |       |                |
| D36     | 36 inch Drainline      | P.I.V.C.       | Point of Intersection Vertical Curve |       |                |
| Dim.    | Dimension              |                | Property Line                        |       |                |
| Det.    | Details                | PT             | Point of Tangent                     |       |                |
| DI      | Drain Inlet            | R              | Radius                               |       |                |
| Dia.    | Diameter               | R/W            | Right-of-Way                         |       |                |
| DL      | Drainline              | RC             | Reinforced Concrete                  |       |                |
| DMH     | Storm Drain Manhole    | RCP            | Reinforced Concrete Pipe             |       |                |
| Dwgs.   | Drawings               | Rd.            | Road                                 |       |                |
| E/P     | Edge of Pavement       | Rt.            | Right                                |       |                |
| e/      | existing property line | S              | Slope                                |       |                |
| E/S     | Edge of Shoulder       | SB             | South Bound                          |       |                |
| ex.     | existing               | SE             | Superelevation                       |       |                |
| exist.  | existing               | Shldr.         | Shoulder                             |       |                |
| E.V.C.  | End Vertical Curve     | Sht.           | Sheet                                |       |                |
| FT      | Feet                   | Shts.          | Sheets                               |       |                |
| FUT.    | Future                 | sq. ft.        | square feet                          |       |                |
| GRP     | Grouted Rubble Paving  | Sta.           | Station                              |       |                |
| HGL     | Hydraulic Grade Line   | Struct.        | Structural                           |       |                |
| Hwy.    | Highway                |                |                                      |       |                |
| Inv.    | Invert                 |                |                                      |       |                |

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-8930(2)        | 2007        | 9         | 331          |



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.  
DATE OF SIGNATURE APR 30, 2008  
DATE OF LICENSE EXPIRY

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

LEGEND AND ABBREVIATIONS

North-South Road  
Phase 1B  
F.A.I. Proj. No. STP-8930(2)

Date: Feb 21, 2007

SHEET No. C0.7 OF 150 SHEETS